

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1 to 6 (cancelled).

Claim 7 (new). An x-ray diffraction sample holder comprising multiple diffraction analysis surfaces wherein the surfaces are oriented at nonzero angles relative to one another.

Claim 8 (new). The x-ray diffraction sample holder of claim 7 wherein there are five diffraction analysis surfaces.

Claim 9 (new). The x-ray diffraction sample holder of claim 7 wherein the nonzero angles are each individually between 0.1 degrees and 20 degrees.

Claim 10 (new). An x-ray diffraction sample holder comprising a curved diffraction analysis surface capable of holding two or more samples simultaneously.

Claim 11 (new). An x-ray diffraction sample holder comprising a frame having multiple diffraction analysis surfaces with removable individual sample holders on each surface.

Claim 12 (new). A method of x-ray diffraction analysis comprising the step of disposing samples in the sample holder of claim 7, and analyzing the samples.

Claim 13 (new). A method of x-ray diffraction analysis comprising the step of disposing samples in the sample holder of claim 8, and analyzing the samples.

Claim 14 (new). A method of x-ray diffraction analysis comprising the step of disposing samples in the sample holder of claim 9, and analyzing the samples.

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Claim 15 (new). A method of x-ray diffraction analysis comprising the step of disposing samples in the sample holder of claim 10, and analyzing the samples.

Claim 16 (new). A method of x-ray diffraction analysis comprising the step of disposing samples in the sample holder of claim 11, and analyzing the samples.